

CLAIMS

1) Chair system provided with a suspended and relaxing ergonomic seating understanding a soft seat adapting to the shape of the body (A), suspended (T2, T5) on a carriage of seat (B1, B2, B3), sliding freely on the level of knees (T1) and on the level of ankles (T3) on 2 bars of the carriage of seat, equipped with an adjustable cushion head-rest in height (E) and with a footrest (R) integrated into the carriage of seat and being jointly raised with the slope of seat, the system of seat being adjustable to the size of the user by a mode of adjustment length of seat by modification of the position of the bar of fastener (T2) of the lower part of seat and a mode of adjustment of the position of the cushion head-rest, being characterized in that it is consisted the meeting of its 3 constituent parts (B1, B2, B3) of a deformable parallelepiped longitudinally, constituted by 2 symmetrical deformable equilateral quadrilaterals (P1, P2), in 2 parallel plans supporting the seat (A) where the user is and swivelling freely by rotation on the basis fixes (C), allowing a complete variable slope of seat. The slope is made safe by the presence of abutment retainers (S) fixed to the base (C) on lying position.

2) Chair system provided with releasing ergonomic suspended and adjustable seat, allowing a complete and protected variable slope according to claim 1, characterized by the axis of alignment of the weight of the body of the user (G) in seat (A) and of the point of centring of the parallelepiped (G'). Any modification of the position of the weight of the body (G) jointly involves a modification of the axis of alignment and thus of the position of the point of balance (G'), and deformation of the same parallelepiped following claim 1, involving the rocker of the structure of the carriage of seat supporting the seat, and thus the rocker and the lengthening of this seat by the only weight of the body of the user without any mechanism or device.